

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|---------------------|
| L1 | 1 | "10568543" | US-PGPUB; USPAT | OR | OFF | 2010/02/04 09:44 |
| L2 | 210 | 366/155.1.ccls. | US-PGPUB; USPAT | OR | OFF | 2010/02/04 09:46 |
| L15 | 285 | 366/167.1.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 09:54 |
| L16 | 232 | 366/168.1.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:04 |
| L17 | 114 | 366/154.1.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:14 |
| L18 | 499 | 366/139.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:16 |
| L25 | 0 | 366/333.1.ccls. | FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:42 |
| L26 | 2 | 366/333.ccls. | FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:42 |
| L27 | 9 | 366/332.ccls. | FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:42 |
| L28 | 16431 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:44 |
| L29 | 3167 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:45 |

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|-----|------|--|---|----|-----|---------------------|
| L30 | 522 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and (barrel! or barrels! or cartridge! or cartriges!) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 10:45 |
| L31 | 1503 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and (piston) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 11:00 |
| L32 | 429 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and ((piston or plunger) same (break! or breaks! or snap! or snapped! or broken!)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 11:02 |
| L33 | 88 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and ((piston or plunger) near5 (break! or breaks! or snap! or snapped! or broken!)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 11:02 |
| L34 | 61 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and ((piston or plunger) near4 (break! or breaks! or snap! or snapped! or broken!)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 11:02 |
| L35 | 6 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and ((piston or plunger) near1 (break! or breaks! or snap! or snapped! or broken!)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 11:02 |

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| L36 | 7 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and ((piston or plunger) near1 (break! or breaks! or snap! or snapped! or broken! or breaking!)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 11:03 |
| L37 | 66 | "222"/\$.ccls. and (mix! or mixer! or mixing! or mixes! or agitator! or agitate! or blend!) and (translat\$4 or reciproca \$4) and ((piston or plunger) near4 (break! or breaks! or snap! or snapped! or broken! or breaking!)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2010/02/04 11:03 |
| S1 | 3 | ("3048192" "6402364" "7080936").PN. | US-PGPUB; USPAT | OR | OFF | 2009/09/10 10:59 |
| S2 | 7 | ((("6402364") or ("6709149") or ("2003075564") or ("5411485") or ("5417667") or ("5454792") or ("5411490") or ("3048192")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/09/10 11:03 |
| S3 | 30 | "632579" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 11:03 |
| S4 | 1 | "20214747" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/10 11:04 |
| S5 | 39 | 366/176.3.ccls. | US-PGPUB; USPAT | OR | OFF | 2009/09/10 11:45 |
| S6 | 126 | 366/176.1.ccls. | US-PGPUB; USPAT | OR | OFF | 2009/09/10 11:48 |

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|----|----|--|--------------------|----|-----|---------------------|
| S7 | 4 | (US-6120174-\$ or US-5779356-\$ or US-5397178-\$ or US-5145250-\$).did. or (EP-1038796-\$ or WO-2087986-\$).did. or (DE-19735539-\$ or DE-29713578-\$).did. | US-PGPUB; USPAT | OR | OFF | 2009/09/10 11:53 |
| S8 | 46 | (US-3035820-\$ or US-2030251-\$ or US-1930686-\$ or US-5540498-\$ or US-5957166-\$ or US-4046145-\$ or US-6234190-\$ or US-3610297-\$ or US-4876038-\$ or US-6234196-\$ or US-5823671-\$ or US-4743229-\$ or US-3700215-\$ or US-6592251-\$ or US-4350650-\$ or US-2726656-\$ or US-4463875-\$ or US-6062722-\$ or US-5908054-\$ or US-5425580-\$ or US-3010705-\$ or US-1550882-\$ or US-0756953-\$ or US-0425645-\$ or US-4915881-\$ or US-2026604-\$).did. or (US-1956082-\$ or US-1898894-\$ or US-1694589-\$ or US-4620794-\$ or US-1685424-\$ or US-2056931-\$ or US-2477598-\$ or US-2724383-\$ or US-1718593-\$ or US-6402364-\$).did. or (US-0049345-\$ or US-0314163-\$ or US-0357027-\$ or US-0127290-\$ or US-0950069-\$ or US-0126735-\$ or US-0492945-\$ or US-1288966-\$ or US-2726656-\$ or US-2724383-\$ or US- | US-PGPUB; USPAT | OR | OFF | 2009/09/10 12:16 |

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|----|-----|--|---------------------------|----|-----|---------------------|
| | | 3035820-\$ or US 3190619-\$ or US 2477598-\$ or US 1264071-\$).did. | | | | |
| S9 | 399 | ("0338538" "0492945" "0665192" "0869702" "1007275" "1458067" "1718603" "1740174" "1744449" "1819258" "1843157" "1948388" "1977337" "2077774" "2111572" "2131488" "2168686" "2254994" "2453914" "2477598" "2642852" "2680455" "2696022" "2711740" "2716272" "2737978" "2798488" "2812765" "2838392" "2859017" "2973187" "3010705" "3030329" "3051174" "3128920" "3131912" "3134508" "3159312" "3164303" "3228662" "3254646" "3261381" "3337039" "3343817" "3358971" "3366369" "3390121" "3390580" "3390814" "3443520" "3467096" "3528404" "3541581" "3559961" "3560162" "3561433" "3565168" "3572336" "3610586" "3640510" "3670785" "3678959" "3678960" "3700215" "3714943" "3793718" "3799406" "3843099" "3860218" "3863624" "3941126" "3946996" "3949073" "3952393" "3955591" "3957082" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/10 12:20 |

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| "4185072" |
"4191183" | "4197967"
| "4199153" |
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| "4233156" |
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"4257416" | "4277184"
| "4312594" |
"4338925" | "4347002"
| "4350650" |
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| "4405489" |
"4408893" | "4426022"
| "4432469" |
"4460719" | "4463875"
| "4471765" |
"4482704" | "4494677"
| "4503721" |
"4509861" | "4512764"
| "4522504" |
"4548509" | "4551135"
| "4589452" |
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| "4604093" |
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| "4689047" |
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| "4735509" |
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| "4758096" |
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| "4784157" |
"4787751" | "4795441"
| "4799801" |
"4801008" | "4805758"
| "4808184" |
"4818114" | "4828148"
| "4832500" |
"4846780" | "4850705"
| "4854716" |
"4858759" | "4871262"
| "4874368" |
"4881326" | "4883150"

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| | | "4889432" "4915688" "4915695" "4925448" "4946100" "4950230" "4950245" "4961647" "4967797" "4968535" "4973168" "4986443" "5002463" "5037390" "5051482" "5088625" "5100241" "5121990" "5143382" "5147323" "5163554" "5192274" "5205820" "5217432" "5225168" "5247966" "5252301" "5328262" "5328441" "5336188" "5356367" "5358330" "5425580" "5425698" "5435645" "5474211" "5501520" "5551778" "5586821" "5588745" "5624184" "5779356" "5788463" "5829875" "6024480" "6089408" "6202895" "Re29207" "Re35276").PN. OR ("126735" "127290" "2005/0052946" "3048192" "314163" "357027" "4620794" "4876038" "492945" "49345" "5411485" "5411490" "5417667" "5454792" "5540498" "5779356" "5823671" "6062722" "6120174" "6402364" "6709149").URPN. | | | | |
| S10 | 171 | 366/189.ccls. | US-PGPUB; USPAT | OR | OFF | 2009/09/10 14:57 |
| S11 | 456 | 366/139.ccls. | US-PGPUB; USPAT | OR | OFF | 2009/09/10 15:05 |

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|-----|-----|--|---------------------------|----|-----|---------------------|
| S12 | 156 | ("1458282" "1998692" "20010011174" "20020013553" "20020013600" "20020026195" "20020082608" "20020099385" "20020156482" "20020156483" "20020161373" "20020169471" "20020183778" "20020188299" "20030004530" "20030012079" "20030012080" "20030014056" "20030032963" "20030032964" "20030075564" "20030109884" "20030130664" "20030191414" "20030191489" "20030195547" "20030220648" "20030229372" "20040030345" "20050111299" "20060052794" "2825134" "3140078" "3164303" "3188057" "3195778" "3417971" "3475010" "3752364" "3858853" "4132361" "4277184" "4371094" "4469153" "4671263" "4676655" "4799801" "4889432" "4952065" "4966468" "4969888" "4973334" "5071040" "5108404" "5143211" "5193907" "5252301" "5273190" "5398483" "5435645" "5478342" "5494349" "5531519" "5588136" "5588745" "5624184" "5676666" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/11 17:32 |
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"5797678" | "5797679"
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| "5951160" |
"5961211" | "5972015"
| "6024480" |
"6033105" | "6042262"
| "6059790" |
"6066154" | "6079868"
| "6113602" |
"6116773" | "6120174"
| "6120506" |
"6165219" | "6176607"
| "6210031" |
"6235043" | "6238399"
| "6254268" |
"6280456" | "6286670"
| "6293693" |
"6296149" | "6348055"
| "6361539" |
"6367962" | "6395006"
| "6406175" |
"6423083" | "6425897"
| "6431743" |
"6435705" | "6439439"
| "6440138" |
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| "6488651" |
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| "6547432").PN. OR
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| "6582439" |
"6592247" | "6592251"
| "6599293" |
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| "6613054" |
"6623505" | "6626912"
| "6641587" |
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| "6663647" |
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| "6702455" |
"6709149" | "6719761"
| "6736537" |
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| "D439980" |
"D449691" |
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"D483495" |

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|-----|---|-----------------|--------------------|----|-----|---------------------|
| | | "D490159").PN. | | | | |
| S13 | 1 | ("7524103").PN. | US-PGPUB; USPAT | OR | OFF | 2009/09/11 17:53 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|--------------------------|------------------|---------|------------------|
| L19 | 461 | 366/139.ccls. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/02/04 10:17 |
| L20 | 101 | 366/333.ccls. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/02/04 10:17 |
| L21 | 587 | 366/332.ccls. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/02/04 10:20 |
| L22 | 101 | 366/333.ccls. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/02/04 10:35 |
| L23 | 174 | 366/189.ccls. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/02/04 10:36 |
| L24 | 220 | 366/195.ccls. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/02/04 10:40 |

2/ 4/ 2010 11:05:05 AM

**C:\ Documents and Settings\ tsoohoo\ My Documents\ EAST\ Workspaces\ EAST SEARCHES
\ Bone Cement or Dental cement\ DUAL PISTON EXCHANGE TYPE WITH center agitator.wsp**